

A

DESCRIPTION		INSULATION		JACKET	
1. Tensile Strength (kgf/mm ²)	Material	HDPE		PVC	
	Unaged	≥1.69		≥1.05	
	Aged	≥1.27		≥0.74	
2. Elongation (%)	Unaged	≥300		≥100	
	Aged	≥75		≥65	
3. Flexibility Test					
4. Flame Retardant Test		PASS FT2			
ECN No:					
ECN STATE:					

Materials:

- UL2835, ETL Verified / CSA 219561
- Conductor:
 - 24AWG*4P
 - Bare Copper Wire
 - $1/0.515 \pm 0.008$ MM
- Insulation:
 - HDPE
 - Min. Average Thickness: 0.18MM
 - Diameter: 0.92 ± 0.05 MM
- Jacket:
 - PVC, CM
 - Min. Average Thickness: 0.55MM
 - Diameter: 5.5 ± 0.15 MM
 - Color: Grey / MGY001

A

B

B

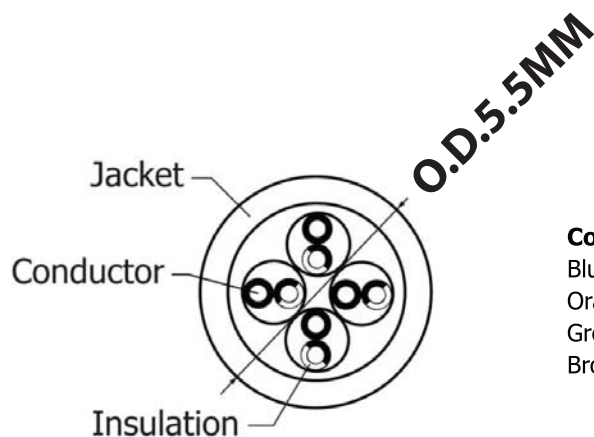
C

C

D

D

E



Color Code:

Blue, White/Blue
Orange, White/Orange
Green, White/Green
Brown, White/Brown

Electrical:

- Rated Temperature/Voltage: 60°C / 30V
- DC Conductor Resistance @20°C: $\leq 93.25\Omega/\text{KM}$
24AWG
- Insulation Resistance @20°C: $\geq 100\text{M}\Omega\text{-KM}$
- Dielectric Strength for 1 Min.: 500V AC

E

F

F

c

Scale	1:1							Name
TOLERANCE						Drawn	12.19.11	Chappel
X.X	±0.40					Approved		
X.XX	±0.25							
X.XXX	±0.15							
Angle	±3°					 		
			Modification	Date	Name			

Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
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ATUP-P305T-R

Title	Cat5e, UTP, Twisted Pair, AWG24/1, 4x2 pairs, solid, 305 meters
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Drawing No.

rev00

Replace

Sheet

RoHS Complaint

ASSMANN
VVS components

H

H